

**BOD 7 LOG****Analysis Date:** 02/07/2020**QC BATCH ID:** LB107616**ANALYST:** Alexander**BOD Water:** WP81936**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81938**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81939**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2430**IncubatorID:** INCUBATOR #3**pH Strips:** W2644**Zero DO:** WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.7
WINKLER 2	WINKLER 2	2	300	8.5	17.4	8.9	8.7

Meter Calibration1 : 8.70Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.70Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)

QC BATCH ID: LB107616

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 11:20

TIME OUT: 10:15

DATE IN: 02/07/2020

DATE OUT: 02/14/2020

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB107616BL	1	No	6.0	N/A	21.20	300	8.69	8.52	0.17	0.17	0.17	
POLYSEED	1					10	8.58	5.25	3.33	0.67	0.67	
POLYSEED	2					15	8.49	3.90	4.59	0.61		
POLYSEED	3					20	8.35	1.10	7.25	0.73		
GGA	1					6	8.61	3.65	4.96	214.5	214.5	
GGA	2					6	8.59	3.91	4.68	200.5	200.5	
GGA	3					6	8.59	3.64	4.95	214	214	
L1406-05	1	No	6.4	N/A	20.80	0.1	8.64	7.88	-	0	360.15	
L1406-05	2					0.5	8.64	7.27	-	0		
L1406-05	3					2	8.64	5.44	3.2	379.5		
L1406-05	4					5	8.64	2.29	6.35	340.8		
L1406-05DUP	1	No	6.4	N/A	20.80	0.1	8.64	7.77	-	0	363.9	
L1406-05DUP	2					0.5	8.64	6.98	-	0		
L1406-05DUP	3					2	8.64	5.37	3.27	390		
L1406-05DUP	4					5	8.64	2.34	6.3	337.8		
L1427-05	1	No	2.5	7.2	21.10	0.1	8.62	7.70	-	0	415.8	pH Adjusted
L1427-05	2					0.5	8.61	6.70	-	0		
L1427-05	3					2	8.61	5.10	3.51	426		
L1427-05	4					5	8.61	1.18	7.43	405.6		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

LB107616
 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD7-2072020 WorkList ID : 135802 Department : Wet-Chemistry Date : 02-06-2020 16:35:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/07/2020	Water	L1406-05	BOD_7	1:1 HNO3 to p	AMER08	L23	BOD	02/05/2020	SM5210 B
02/08/2020	Water	L1427-05	BOD_7	1:1 HNO3 to p	AMER08	L41	BOD	02/06/2020	SM5210 B

Date/Time 2/07/2020 10:40
 Received by: AM
 Relinquished by: _____

Date/Time 2/07/2020 11:25
 Received by: _____
 Relinquished by: AM